

IN THE SPECIFICATION

Please amend the paragraph at page 9, lines 14-19, as follows:

It is possible to make the energy state of the conductive island 15 vary according to a case of charges stored in the charge storage region ~~[[15]]~~ 5 and a case of no stored charge thereby to vary Coulomb oscillation of the single-electron device. It is explained in detail about this characteristic later.

Please amend the paragraph at page 12, lines 5-15, as follows:

When the charges are accumulated in the charge storage region 5, the Coulomb oscillation shifts a half period as shown in broken line 17 in FIG. 3. When the Coulomb oscillation shifts a half period, the voltage ~~[[VH]]~~ VL makes a peak in the Coulomb oscillation, namely a current is rendered ON. The voltage VH makes a valley in the Coulomb oscillation, that is, a current is rendered OFF. More specifically, in the state that charges are accumulated in the charge storage region 5 and the state that no charge is accumulated therein, the output is inverted between the voltages VL and VH.